



**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicant: Pocker et al.

Atty Docket: SJO990197US

Serial No.: 09/721,264

Art Unit: 1762

Filing Date: November 21, 2000

Examiner: Marianne L. Padgett

Title: **"ENERGY GRADIENT ION BEAM DEPOSITION OF CARBON OVERCOATS  
ON RIGID DISK MEDIA FOR MAGNETIC RECORDINGS"**

Box Non Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

Responsive to the Office Action mailed March 31, 2003, please amend the application as follows:

**In the Claims**

Please replace original claims with like numbered amended claims set forth below. A marked up copy of the amended claims is submitted herewith as Attachment A.

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- 1 13. (Twice amended) A process for fabricating a magnetic media hard disk comprising:  
2 fabricating a magnetic media layer upon a surface material of a substrate;  
3 fabricating a diamond-like carbon (DLC) layer upon said magnetic layer by:  
4 fabricating an initial thickness portion of said DLC layer upon said magnetic layer  
5 utilizing a relatively low ion carbon beam energy of less than approximately 20 eV;  
6 fabricating a subsequent thickness portion of said DLC layer upon said initial  
7 thickness portion of said DLC layer utilizing at least one relatively high carbon ion beam energy  
8 of greater than approximately 50 eV.
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- 2  
1 16. (Twice amended) A process for fabricating a magnetic media hard disk as described in  
2 claim 13, including fabricating an intermediate thickness portion of said DLC layer between said

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